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PAN-AMERICAN EXPOSITION BUFFALO 1901

MAY 1 TO NOVEMBER 1



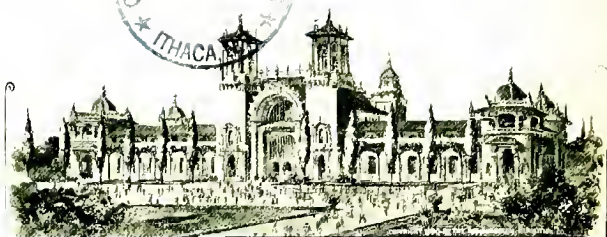
ELECTRIC TOWER.

You've had the Exposition tale in varied form —its plans and purposes, its mighty scope—so what is here set down must deal but casually with the noble enterprise. Then follow me with willing steps and let your eyes scan leisurely the landscape as we go; your ears be friendly to these holiday narrations.

To celebrate the birth of one more century, the enterprising folk of Buffalo have planned this six-months' festival and bade the world participate. They purpose here to offer such a scene as eyes ne'er saw before, whose majesty and beauty shall eclipse all former undertakings.

Attend, ye, therefore, this review of what the Western World has done, is doing, or may do. The force electrical receives the special homage which, by reason of its wonderful accomplishments in the world of matter, it has earned. A stately tower of soaring height, of beauty unsurpassed, will bear aloft a golden figure of the Goddess Light.





ELECTRICITY BUILDING.

ELECTRICAL PROGRESS EXEMPLIFIED.

From every side will glow by day a radiance of color and at night the scene will change to one of incandescent brilliancy. The mighty power which thunders at Niagara, transformed to magic currents of supreme intensity, will here illuminate the grandest works of man. By day this giant force will turn the countless wheels of industry, imparting life and activity to every department.

Almost every electrical machine or appliance has undergone change and improvement during the last few years. The efficiency of dynamos and motors has been increased, new uses have been found for the electric force and many problems have been solved which only a few years ago vexed the brightest minds.

Electricity and electrical appliances are to receive such attention as to make this one feature of the Pan-American Exposition of the greatest importance in the history of electrical development. In addition to the spectacular uses of electricity in illuminating buildings, towers, courts and fountains, there will be very important demonstrations of the application of the force to many new purposes. Among them will be wireless telegraphy, the X-rays, the electro-mobile, telegraphy to and from moving trains by induction, the improvements in the electric light and telephone. The wonderful labor-saving qualities of electricity have revolutionized the production of many useful articles of merchandise within the past decade, including aluminum, carborundum, calcium carbide, graphite, phosphorus and numerous chemicals. This phase of employment of the electric fluid will form a most pleasant study for those who are interested in the newest of the sciences, and such a study as will only be possible at the Exposition. The development of electric power will be illustrated in a comprehensive manner, with models of the great plants, in the magnificent Electricity Building, and those who desire to see the plants themselves will have only to go a distance of twenty miles from the grounds—a ride of about thirty minutes—in order to do so.

This is the electric age, and it is producing wonders upon wonders. Every day, almost, it gives the world something new to marvel upon and then put to good use. The electrical exhibit at the Pan-American Exposition will be up-to-date.





U. S. GOVERNMENT BUILDING.

GOVERNMENT AND ORDNANCE

The substantial encouragement and support given by Uncle Sam, by the appropriation of \$500,000 for a Government exhibit at the Exposition, are a sufficient guaranty of its merit. To view the magnificent buildings and their multitude of treasures alone will be well worth going a long distance.

The display to be made by the Department of Agriculture will be of great value and interest to those concerned in the agricultural, horticultural and live stock industries, comprehending, as it will, all their varied features.

The workings of the different Bureaus of the Department of State will be illustrated.

The coining of money will be a feature of the exhibit by the Treasury Department. Here a coin press will be in operation, coining money at the rate of 90,000 coins per hour, each coin being struck with a force equal to the weight of one hundred tons.

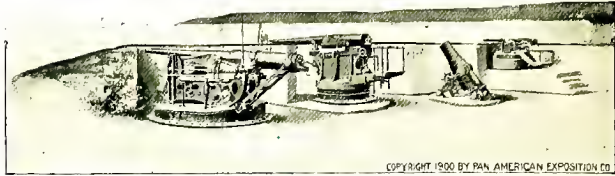
Collectors will be especially interested in the Government's very complete collection of coins of all nations, a complete set of medals struck by the mint at Philadelphia, and a complete series of currency issued by the Government. Included in this exhibit will be a model of a lighthouse, fully equipped and in operation, a model of a quarantine station, models of marine hospital operating rooms, and a model of a vessel constructed for deep-sea sounding. Upon the shore of the Park Lake will be a life-saving station, completely equipped with up-to-date apparatus, where the means employed in the saving of life on our coasts will be daily illustrated.

DEPARTMENTAL EXHIBITS

The exhibits of the War and Navy Departments will be the largest and most complete ever made at any Exposition.

The Post-Office Department will occupy a larger space than was ever before devoted to it at an Exposition. The methods of mail transportation will be fully illustrated and a post-office equipped with all the latest devices used in the larger post offices in the United States will be a feature of the exhibit. The other Government departments will contribute large exhibits.





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GOVERNMENT AND ORDNANCE EXHIBIT.

The exhibit of the National Museum, under the auspices of the Smithsonian Institution, will be of absorbing interest. It will display the resources of North America, South and Central America, the West Indies, and the new possessions of the United States.

The principal exhibits will be divided into three great classes: (1) Anthropology, (2) Zoology, and (3) Geology. The work of the Smithsonian Institution itself will also be illustrated. One of the important exhibits will be a celostal, an instrument that reflects the light of a star or other heavenly body in a fixed horizontal direction.

The Forestry and Fisheries Exhibits will be complete ones.

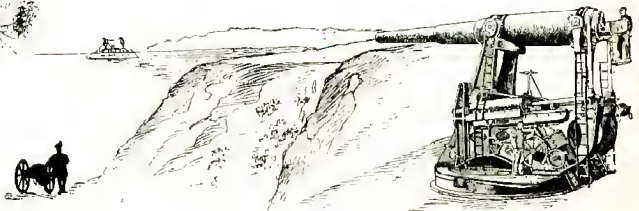
Extraordinary interest will attach to the Ordnance Exhibit of the United States Government, showing the modern weapons of warfare which were used in the recent wars. It will include the best of former exhibits and will in addition have novelties never before shown. The heavy ordnance will be mounted outside the Government Building. This branch of the exhibit will include the 12-inch gun with disappearing carriage so arranged that neither the man nor the gun is exposed except during the moment of firing, the recoil throwing it into its original position. Then, too, there will be shown the 16-inch sea-coast half-mast rifle now in process of manufacture at the Watervliet Arsenal, the most powerful piece of ordnance ever constructed in the United States, having a maximum range of 20½ miles. It will be the greatest display of heavy ordnance ever made. Another exhibit of ordnance will be made by manufacturers, but in a different part of the grounds. Here a considerable number of important inventions not yet accepted by any government, but which may figure conspicuously in the possible defences of the future, will be shown.



STATE AND FOREIGN EXHIBITS.

In the Court of State and Foreign Buildings and other parts of the Exposition grounds there will be buildings and exhibits of the different states and countries of the Western Continent.

The Argentine Republic has applied for 1500 square yards of space. Bolivia will have 2400 square feet of space. Chili has approx-





MACHINERY AND TRANSPORTATION BUILDING.

appropriated a sum equal to \$185,000 in United States money and will have a building. Costa Rica will have 1900 square feet of space. A building for the Honduras Government is being erected. Ecuador will have a building. Guatemala will have 1100 square feet of space. Haiti will be represented by a special exhibit made by the Department of Agriculture. Mexico will have 16,000 square feet of space. Nicaragua will have 1400 square feet of space. Salvador has accepted the invitation to take part. Peru's exhibit will take up 2500 square feet of space. The Colombian Government will be represented. Canada's resources will be exhibited. The West Indian Colonies, including Jamaica, have generally accepted invitations. Santo Domingo will have a building. There will be extensive exhibits from Cuba, Porto Rico, Hawaii, and the Philippine Islands.

The Machinery and Transportation features promise to be of superior interest. The inventive Yankee has for a hundred years been particularly active in producing machinery. Every year adds new laurels to his well-decorated brow and he can but marvel at his own progress. In recent years he has been particularly active in producing automatic machinery.

SCOPE OF MACHINERY EXHIBITS.

The Machinery Exhibits will include the most modern agricultural machinery and appliances. The evolution of devices for developing power will be illustrated with a completeness never before attempted.

Factory machinery is constantly undergoing improvement and brand new inventions are every little while given to the world. Some are so wonderful in their mechanism as to seem almost human. This feature of the machinery exhibit will be abounding in interest for all visitors.

The Transportation Exhibit will be no less interesting. The world was never before on wheels to the extent that it is to-day. The automobile has been developed since the Columbian Exposition at Chicago. What marvels may be exhibited and in practical daily use at the Pan-American Exposition can only be dimly conjectured. The railway, vessel and vehicle exhibits at Buffalo this year will outrival in interest anything that has been possible in the past.





FORESTRY AND MINES—HORTICULTURE—GRAPHIC ARTS.

A GREAT HORTICULTURAL EXHIBIT.

Horticulture, viticulture and floriculture are linked together in one great class. In the midst of a country of orchards and vineyards, the Pan-American Exposition will have abundant material close at hand and of the finest quality from which to make an exhibit worthy of the great event. Canada and many other countries will send worthy exhibits. The extensive floral decorations of the grounds constitute a rich display of floriculture, and several acres, including hundreds of beds, are devoted to the exhibits made by leading florists of the country. Flowers in profusion will welcome the earliest visitors and breathe out their fragrance and display their incomparable beauty the season through. Thousands of trees and shrubs flourish throughout the grounds.

In the handsome and commodious Horticulture Building, all the popular fruits of the different countries represented in the Pan-American Exposition will be displayed. With a suitable refrigerating room upon the grounds, it will be possible for the management to make a daily fresh display of fruit.

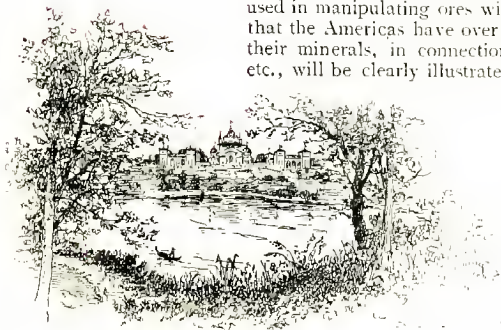
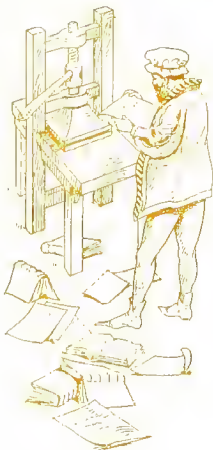
Articles and appliances used in horticulture will also be shown in this division.

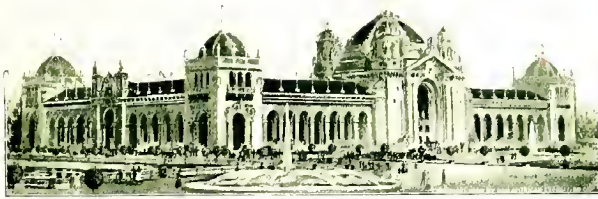
The exhibits of Nursery Stock, including orchard and ornamental trees, shrubs and evergreens, will be unquestionably among the finest, if not the finest ever made.

GRAPHIC ARTS AND MINES BUILDINGS

In the Graphic Art Building will be made a most timely display, illustrating the remarkable progress of printing and its allied arts.

In the Mines Building will be made an extensive exhibit of mines and metallurgy. Minerals will be fully represented, comprising every production, both useful and ornamental, mined from the earth. All parts of the United States and every country of South and Central America, Canada, Mexico and the islands of the sea will contribute specimens for the exhibit. All kinds of machinery used in manipulating ores will be exhibited. The great advantages that the Americas have over the rest of the world in the wealth of their minerals, in connection with climatic condition, accessibility, etc., will be clearly illustrated.





MANUFACTURES AND LIBERAL ARTS BUILDING.

MANUFACTURES AND LIBERAL ARTS.

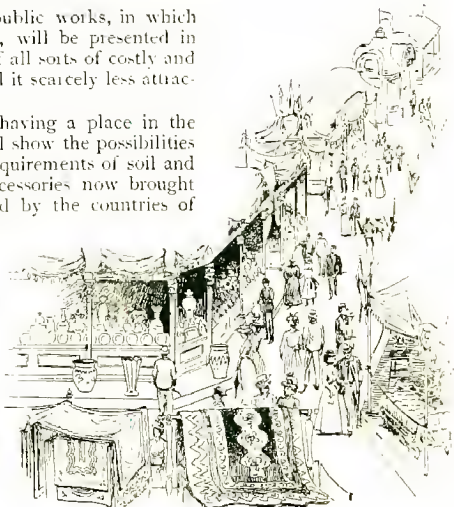
Broad in its scope and strong in its educational features is the exhibit to be made in the Manufactures and Liberal Arts Building. The United States produce one-third of all the manufactures of the world, though possessing only one-twentieth of the population. The building in which these exhibits will be shown may therefore be expected to contain the greatest variety of manufactured products ever brought together, with the possible exception of the World's Fair exhibits of this class. Every country recognizes America as an active competitor in almost every line and in almost every market of the globe. The building, which will contain a great variety of all-American manufactures, will therefore be a center of interest of surpassing importance to every person who desires to know what his fellow citizens are accomplishing in their numberless vocations.

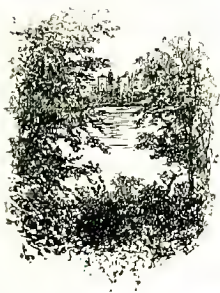
The Department of Liberal Arts will include education, engineering, public works, constructive architecture, sanitation and hygiene, music and drama, sociology, literature, and similar subjects.

Never was the world so wide awake, so alert, so quick to comprehend the possibilities in any field of work as now. Educational methods—how best to impress the mind, how to fix permanently in the growing child or older student the thought-treasures that are best to know—these are new problems each day. What to teach and how to teach it, are questions that will be answered as well as may be in the educational exhibits. Modern school apparatus and conveniences will all have a place.

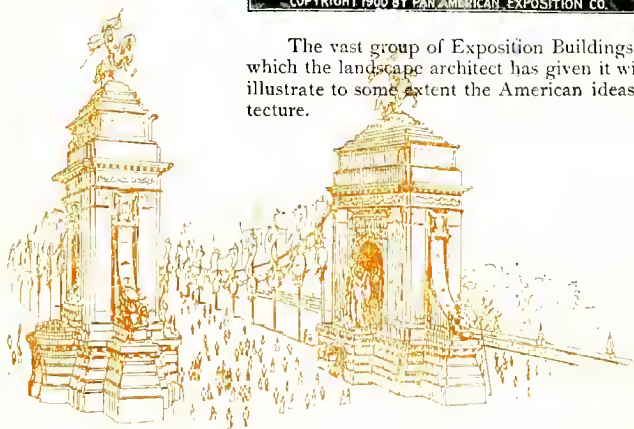
Mechanical and civil engineering, and public works, in which the American refuses to take second place, will be presented in such a clear and interesting way, by means of all sorts of costly and ingenious exhibits, that the lay mind will find it scarcely less attractive than the expert.

Foods and their accessories, a division having a place in the Manufactures and Liberal Arts Building, will show the possibilities for food production in Pan-America. The requirements of soil and climate for a great variety of foods and accessories now brought from the Orient will be shown to be possessed by the countries of the Western World.





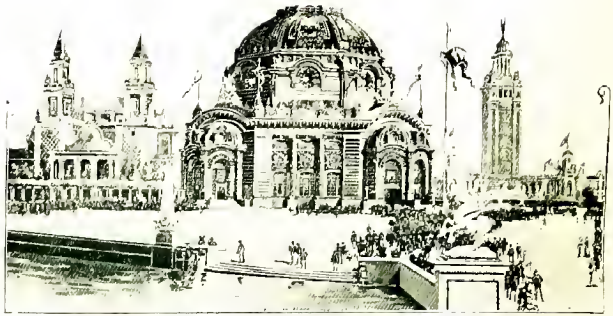
The vast group of Exposition Buildings in the exquisite setting which the landscape architect has given it will in themselves grandly illustrate to some extent the American ideas in one style of architecture.





Fancy has not painted a more beautiful picture than is being prepared by man on the Pan-American Exposition Grounds. Its charm is wonderful.





TEMPLE OF MUSIC.

MUSIC AT THE PAN-AMERICAN.



Music will have special attention. Musical instruments have become quite as much the product of American genius as that of any other country in the world. In recent times marked progress has been made—all to be shown in a most interesting way to the millions who may find themselves in Buffalo next year. The exhibits of a musical character will be in the Manufactures Division.

The Temple of Music will be the place for the holding of concerts, etc. It will be one of the most artistic buildings on the grounds, containing one of the largest and finest church organs in the world. Many of the most famous bands of both the New and Old Worlds will give concerts in the Temple of Music, and from the various band stands in the Plaza, Esplanade and other parts of the grounds. Among them will be Sousa's famous band, and the Mexican Government Mounted Band.

In the Music Temple there will be two organ recitals each day by prominent exponents of this branch of the musical art, and concerts by the leading instrumental organizations of the United States and Europe every day during the progress of the Exposition.

The great organ will be equipped with all the latest improvements known to expert organ builders. It will have four manuals, about 50 speaking stops, and will be voiced on three different wind pressures. The action will be the most complete style of tubular pneumatic. Of the four manuals, the great and swell organ will each have 14 stops. The choir organ will have 11, the solo organ 4, and the pedal organ 10 stops. The couplers, pedal movements and adjustable combinations will be of the most modern type. The organ is the work of Emmons Howard of Westfield, Mass.

The principal national holidays will be observed with musical festivals, in which school children will participate. There will be a grand jubilee chorus of thousands of young voices in the spacious Stadium.

The Saengerfest of the North American Saengerbund will be held in Buffalo, opening June 24th.





THE PLAZA.

THE FINE ARTS EXHIBIT.

The Fine Arts as they have been cultivated in the various countries of Pan-America will be presented in an exhibit pre-eminently American in spirit and character.

There will be no attempt to cover everything of an art character in the entire universe, but as the Exposition as a whole is to be devoted to the achievements of civilization in the New World, it will be the purpose of the Fine Arts Exhibit to show the progress made in Pan-America in the culture of painting and sculpture, and the allied arts. The Pan-American Exposition ought to mark a new era in the New World, and doubtless will, since it will give workers in this important field of human activity a stimulus such as perhaps could be obtained in no other way, and will direct the attention of the great public of all the Americas in the most emphatic manner to the importance of giving substantial patronage to the painters and sculptors native to our own soil, if it is desired that art should flourish in the Western Hemisphere. In making up the exhibit in fine arts for the Art Gallery the plan to be followed is to secure the most representative and excellent works that have appeared within the last 25 years, particularly within the last decade. As the opening of the Pan-American will come at a time when all of the important annual exhibitions of art will have been held, it will be possible to secure some of the best works produced within the twelve or fifteen months preceding it. The Fine Arts Exhibit will be divided under the following groups: Group 1.—Paintings in oil, water color, pastel and other recognized mediums, miniatures, cartoons. Group 2.—Sculpture, including medals and cameos. Group 3.—Drawings, etchings, engravings, black and white or monotypic paintings in oil or water color. Group 4.—Architecture. All works in all classes must be original productions. No copies of works of art, whether executed in the same medium as the originals or in different mediums, will be accepted. The exhibition will be thoroughly representative of the best attainments of the artists and sculptors of the Western Hemisphere. The statuary in the grounds and the sculptural ornamentation of the buildings will command the attention and study of lovers of art.

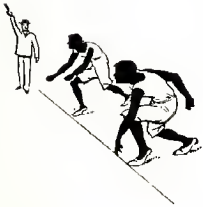
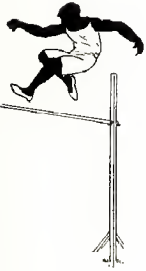


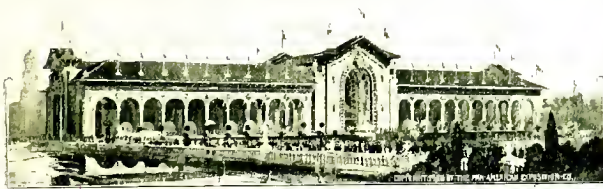


THE STADIUM.

SPORTS IN THE STADIUM.

The marked popularity of athletic sports has been handsomely recognized. A Stadium, beautiful in design, with a quarter-mile track and ground area ample for the requirements of all the popular events proposed, is provided. It has a seating capacity of 12,000. The nature of the sports planned is varied. Amateur events of all kinds will be particularly encouraged as representing the most desirable of athletic competitions. There will be professional events as well. College sports will be made a feature and inter-collegiate events are being planned. There will be amateur and professional baseball, football, lawn tennis, Marathon race, cross-country runs, lacrosse, cycling, basket ball, roque, shooting, Caledonian games, gymnastics, military maneuvers, turning, cricket, bowling, and other sports. Tennis is widely popular and it is proposed to arrange a tournament in which the leading players of America and foreign representatives may participate. The Marathon race will have its start and finish in the Stadium. At the (Olympian Games four years ago, and again in 1900, the Marathon race was the most attractive feature. Cross-country runs will have their finish in the Stadium. A national event of this character is being planned, for both juniors and seniors, together with an inter-collegiate championship. It is proposed to set aside two days for world's championships, including scratch and handicap events, and invite entries from all over the world. Lacrosse is extremely popular in Canada, and is winning favor in the United States. It calls for extraordinary fleetness of foot, keenness of sight, skill and endurance. This game will be played between the best of the teams of the United States and Canada at the Exposition. A series of games of Gaelic football, which is now being played by many teams in the United States, will be played, one to select the Canadian champion and the other the American champion, when the final games will be played. Arrangements are being made for a grand carnival of cycle racing in which the fastest amateurs and professionals of the world will compete. Caledonian games will be an important feature, and as all the young sons of Scotland are adepts in athletics, there will be great interest manifested by them in the Scottish events. Turning is ever popular with the Germans and the program will include interesting exercises by representative turners. The national game of baseball will receive especial attention.





AGRICULTURE BUILDING.

AGRICULTURAL EXHIBIT

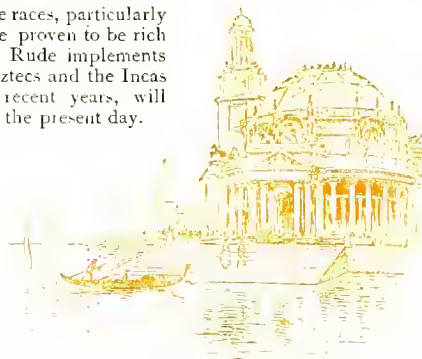
The prominent display in the Division of Agriculture will be the magnet that will attract progressive farmers. Here they can learn what their brother farmers are doing to lighten labor and improve the products of the fields. The exhibit will embrace all phases of agricultural work, showing the advantages of different processes and methods of work, and the products of the garden and field in their great variety under all sorts of conditions. Under their proper classifications will be shown methods of fertilization; farm management and processes; experiments with various crops in different soils, climates, etc.; reports from different States and Provinces showing the aggregate of crops and products of all kinds; exhibits of all products of the farm and garden.

Preparations for the live stock exhibit show are well advanced and accommodations are being made for 6000 head of stock. A grand horse show is to be one of the prominent features.

There will be an extensive display of dairy products, and modern machinery and apparatus used in and about the dairy. In connection with the dairy exhibit will be an extensive mechanical refrigerating plant which will supply certain uniform temperatures in the different divisions of a glass refrigerator case 8 feet high and 20 feet wide running through the center of the building, in which displays will be made. A model dairy will be conducted on the grounds.

Deserved attention will be given to bee keeping. Large displays of living colonies will be made in a building erected for the purpose. The hives will be arranged with glass sides and there will be openings to the outer air so the bees may pass in and out.

Ethnology—the study of the social and intellectual progress of mankind—will constitute a department of engrossing interest to reflective minds. This division will include a vast museum of archaeological treasures by which the development of the races, particularly in America, may be traced. The Americas have proven to be rich fields which the students have not neglected. Rude implements and vessels made by the mound builders, the Aztecs and the Incas centuries ago, and brought to light only in recent years, will serve to introduce the first Americans to those of the present day.





THE WONDERFUL MIDWAY.

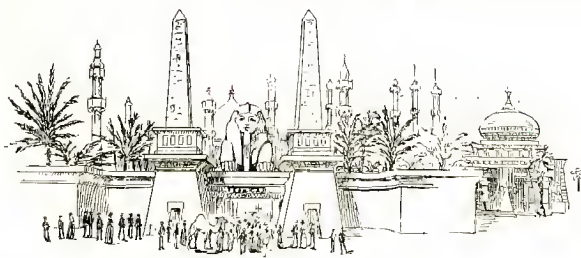
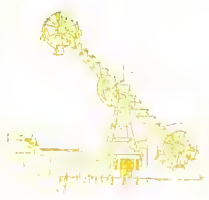
The high-class novelties of the Wonderful Midway will afford endless diversion to visitors and be a source of education as well, just as seeing foreign lands and their peoples is educating to the traveler. Here may be seen the cream of the attractions which have been at former Expositions, together with the best of the new things brought out since for the entertainment of the public. It is the culmination of colossal amusement enterprise.

What the Ferris Wheel was to the Chicago Exposition, the "Thompson Aerio-Cycle" will be to the Pan-American Exposition. It is the altitudinous wonder of the Midway. At each end of a structural iron beam, which in operation is remindful of the "teeter" of boyhood, is a revolving wheel in which four cars are hung, after the manner of the Ferris Wheel. When one wheel is down taking on and discharging passengers, the other is revolving 275 feet in the air. The Aerio-Cycle will be illuminated with 2000 incandescent electric lights and be operated by power from Niagara Falls.

To visit "The Beautiful Orient" will seem like going to the Old World, for within the entrance everything is characteristic of the East. The streets and buildings are faithful reproductions of streets and edifices typical of the Orient. They will be inhabited by from 250 to 300 Orientals. There will also be a Bedouin Arab encampment and nomads from the Desert of Sahara.

In the "Streets of Mexico" life will be seen exactly as it is in that interesting country. This is one of the largest concessions on the Midway, covering 95,000 square feet of ground. The Mexicans in charge of this concession will wear their native costume, and all kinds of wares peculiar to the country will be sold in the faithfully-reproduced Mexican stores. There will be an army headquarters for the convenience of the company of 100 mounted men or "rurales" who will attend the Exposition by order of President Diaz of Mexico.

To those who are denied a trip to Venice in Europe, a splendid opportunity will be given to see its reproduction in "Venice in America" on the Midway. To those who have seen the city itself, this will be a reminder of bright, happy days of peace and rest. There will be the palaces, shops, bridges, canals, gondolas and gondoliers, and even the pigeons, just as they are under the brilliant skies of sunny Italy. The gondolas and gondoliers will be at the



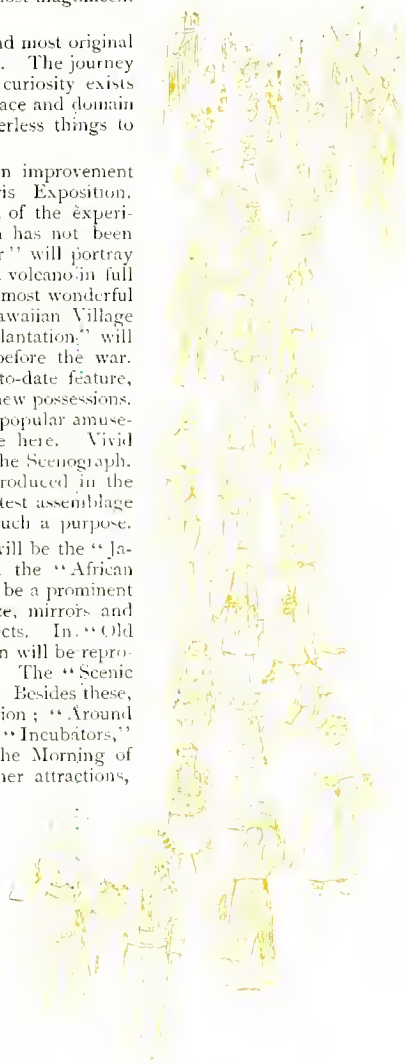


service of the visitors, and as they ride through the palace-lined waterways they will be entertained with songs and the music of guitar and mandolin. The aquatic pageant will be the most magnificent of such a character ever seen in this country.

"A Trip to the Moon" is one of the newest and most original features of the whole great Pan-American Midway. The journey is to be made by air-ships and a great amount of curiosity exists to learn how it is to be accomplished. In the palace and domain of the Man in the Moon the visitor will find numberless things to cause wonder and astonishment.

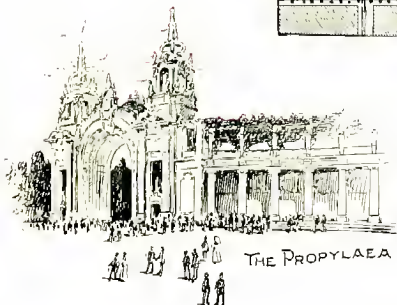
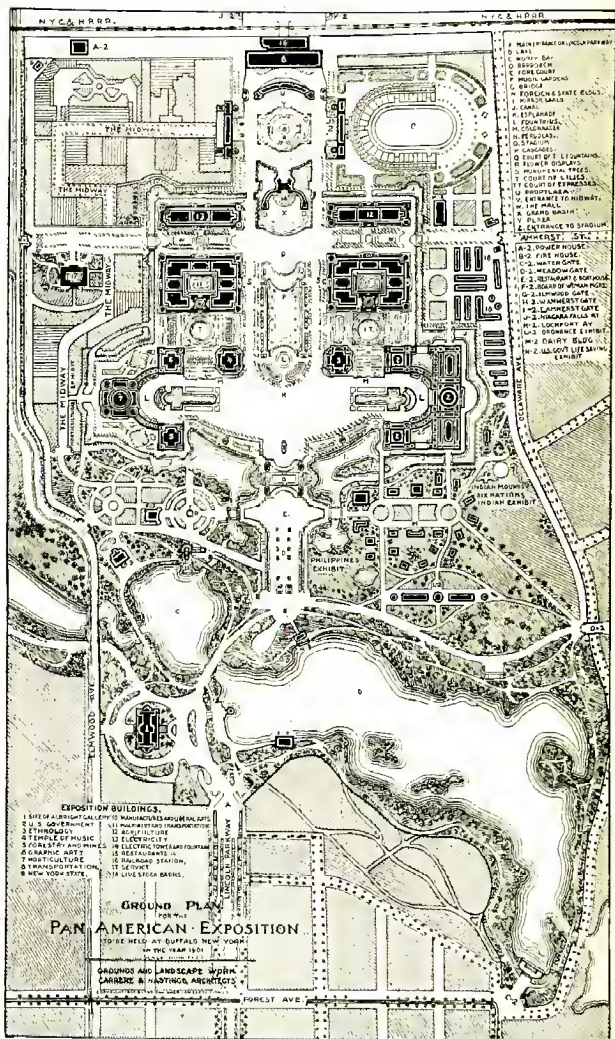
Roltaire's "House Upside Down" will be an improvement upon the "Topsy-Turvy House" at the Paris Exposition. "Darkness and Dawn" is a realistic representation of the experience of a departed spirit, whose conduct on earth has not been exemplary. The "Hawaiian Volcano and Theater" will portray with graphic realism the marvelous appearance of a volcano in full eruption. It will be a really great picture of the most wonderful volcano in the world, that of Kilauea. The Hawaiian Village will also be especially interesting. In "The Old Plantation" will be depicted life among the negroes in the South before the war. The "Filipino Village" will be a particularly up-to-date feature, illustrating as it does real life in one of Uncle Sam's new possessions. The "Captive Balloon," which was one of the most popular amusement attractions at the Paris Exposition, is to be here. Vivid scenes of the Johnstown Flood will be shown by the Scenograph. Life among the Indians in the West will be reproduced in the "Indian Congress," which will constitute the greatest assemblage of live Indians of the Western plains ever made for such a purpose.

A Glass Factory will be in operation. There will be the "Japanese Village," the "Esquimaux Village" and the "African Village." Frank C. Bostock's Animal Show will be a prominent feature. In "Dreamland" will be a mirror maze, mirrors and pictures being arranged so as to give beautiful effects. In "Old Nuremberg" a street of the quaint old German town will be reproduced. There will be two moving picture shows. The "Scenic Railway and Rivers" will be a popular attraction. Besides these, there will be "Cleopatra," a most artistic production; "Around the World," "Cineograph," "War Cyclorama," "Incubators," "Panopticon," "Spectatorium," "Jerusalem on the Morning of the Crucifixion," "Pabst on the Midway," and other attractions, affording a great variety of innocent diversion.





NEW YORK STATE BUILDING



THE PROPYLAEA



WOMAN'S BUILDING





